

QUESTIONS AND ANSWERS

PLEASE REFER TO THE GENERAL FAQs SECTION OF ARPA-E'S WEBSITE ([HTTP://ARPA-E.ENERGY.GOV/?Q=FAQ/GENERAL-QUESTIONS](http://arpa-e.energy.gov/?q=faq/general-questions)) FOR ANSWERS TO MANY GENERAL QUESTIONS ABOUT ARPA-E AND ARPA-E'S FUNDING OPPORTUNITY ANNOUNCEMENTS. ADDITIONAL QUESTIONS SPECIFIC TO THIS FOA ONLY ARE INCLUDED BELOW. PLEASE REVIEW ALL EXISTING GENERAL FAQs AND FOA-SPECIFIC QUESTIONS BEFORE SUBMITTING NEW QUESTIONS TO ARPA-E.

I. Concept Paper Phase Questions:

Q1. THE SBIR CALL SUGGESTS INCLUDING EFFORTS BY OTHERS PURSUING CATEGORY C (ANALYTIC TOOLS) AND CATEGORY D (TESTING FACILITIES/PERFORMANCE EVALUATIONS), BUT THE TEAMING PARTNERS PAGE DOES NOT PROVIDE INSIGHTS WHETHER THOSE ENTITIES WILL APPLY TO C OR D, AND IT MAY BE THAT PROPOSERS TO C AND D HAVE NOT LISTED THEMSELVES AS TEAMING PARTNERS ANYHOW. SINCE THE SBIR CANNOT WORK ON C AND D, AND DO NOT HAVE EXTRA FUNDS TO PAY FOR INDEPENDENT C AND D TYPE EFFORTS, HOW DO WE UTILIZE THE SERVICES THAT CAT C AND D AWARDEES CAN PROVIDE TO US DURING THE COURSE OF THIS PROJECT? DO WE JUST STATE "WE PLAN TO USE THE SERVICES OF CAT C AND D AWARDEES" AND ASSUME THIS WILL OCCUR HOLISTICALLY DURING THE PROJECT?

ANSWER: SBIR teams cannot submit to Technical Categories C and D, but SBIR teams will be able to utilize the services of the Technical Category C and D teams. The C and D teams will communicate with and support all A and B teams. SBIR teams may choose to perform their own simulations and testing if they wish but must meet the FOA requirements.

Q2. COULD YOU PROVIDE SOME ADVICE ON THE QUESTIONS BELOW REGARDING THE COOLER CHIP PROGRAM. THANK YOU.

- 1. IF THE PROGRAM LEAD IS A SMALL BUSINESS AND OTHER PARTNERS ARE NOT SMALL BUSINESSES IS APPLICANT ELIGIBLE FOR THE SBIR PROGRAM?**
- 2. IF SO, WHAT ARE THE COST SHARING OBLIGATIONS OF THE SMALL BUSINESS AND THE LARGER PARTNERS?**
- 3. IF NOT, WHAT ARE THE COST SHARING OBLIGATIONS?**
- 4. IF A NOT FOR PROFIT EDUCATIONAL INSTITUTION IS A PARTNER IS THE APPLICANT ELIGIBLE FOR THE STTR?**

ANSWER: 1. ARPA-E may not provide pre-submission assessments on a project team's specific eligibility. Applicants should carefully review the eligibility requirements for the specific FOA to which



they intend to submit a Concept Paper or Full Application. See COOLERCHIPS FOA Section III.B. (Eligible Subrecipients).

2. ARPA-E may not provide pre-submission assessments on a project team's specific cost share obligation. Applicants should carefully review the cost share requirements for the specific FOA to which they intend to submit a Concept Paper or Full Application. Additionally, any entity (such as a large business) receiving patent rights under a class waiver, or other patent waiver, that is part of a Project Team receiving a reduced or eliminated cost share must continue to meet the statutory minimum cost share requirement (20%) for its portion of the Total Project Cost. See COOLERCHIPS FOA (DE-FOA-0002851).

3. See FAQ 4.2 above.

4. See FAQ 4.1 above.

Q3. I AM WRITING TO SEEK CLARIFICATIONS ON THE COOLERCHIPS FOA –SBIR/STTR ROUTE...REGARDING THE PERFORMANCE OF THE PERIOD.

- 1. IF WE APPLY FOR A COMBINED PHASE I/II/IIS PROGRAM, WHAT WOULD BE A REASONABLE DURATION FOR EACH PHASE?**
- 2. FOR EXAMPLE, IF THE TOTAL POP IS 36 MONTHS, COULD WE ASSUME 1ST YEAR IS PHASE I, 2ND YEAR AND 3RD IS PHASE II & PHASE IIS?**
- 3. IT IS SUGGESTED IN THE FOA TO INCLUDE A SPECIFIC GO/NO-GO MILESTONE APPROXIMATELY HALFWAY THROUGH THE PROJECT. COULD YOU PROVIDE SOME GUIDANCE ON HOW TO INCORPORATE THIS MILESTONE WITH A 3-PHASES STRUCTURAL PROGRAM (PHASE I/II/IIS)?**

ANSWER: 1. 12 months is the duration for each phase.

2. The assumption is each Phase will have a period of performance of 12 months.

3. The go/no-go milestone is anticipated halfway through the project, which would be approximately 18 months into the project during Phase II.

Q4. IN THE SOLICITATION, THERE IS NO MENTION OF SUPPORT LETTERS. IF A POTENTIAL FUTURE CUSTOMER OF THE TECHNOLOGY HAS AGREED TO MEET WITH A TEAM QUARTERLY, SHOULD THIS BE SIMPLY MENTIONED IN THE PROPOSAL OR IS THERE A MECHANISM TO INCLUDE A LETTER THAT DOCUMENTS SUCH A COMMITMENT?

ANSWER: Please reference the General Questions Q8.3.



Q5. ASSUMING THERE IS NO MECHANISM TO UPDATE PERCEIVED TO BE VALUABLE LETTERS OF SUPPORT FROM INDUSTRY THAT MAY ADAPT THE TECHNOLOGY DEVELOPED IN COOLERCHIPS FOR AN SBIR APPLICATION TO THIS PROGRAM, ARE THERE ANY CONSTRAINTS ON QUOTING MATERIAL FROM SUCH LETTERS IN THE TECHNICAL VOLUME?

ANSWER: Please reference the General Questions Q8.3.